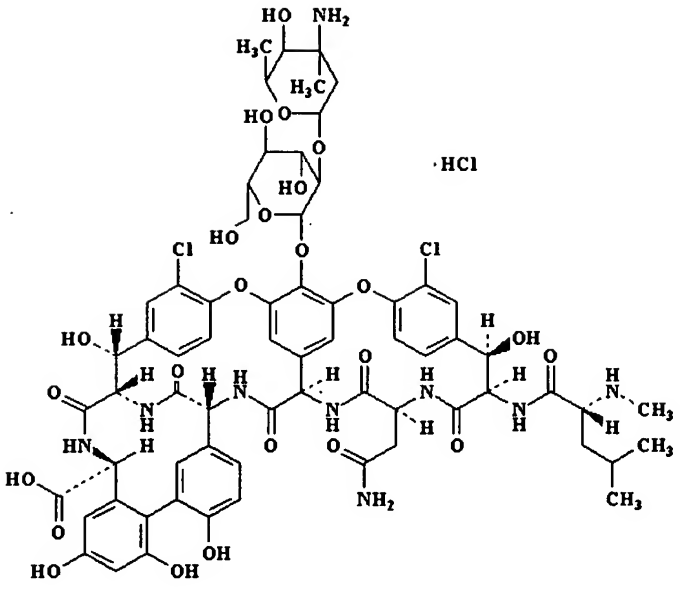
HO
NH2
H3C
H3C
HO
O
O
HO
O
HO
HO
·HCl
Cl
Cl
O
O
O
H
HO
H
OH
O
H
O
H
H
H
O
H
H
O
O
N
H
N
H
N
H
N
H
N
H
N
CH3
HN
H
O
O
NH2
CH3
CH3
HO
O
HO
OH
OH

Fig. 1

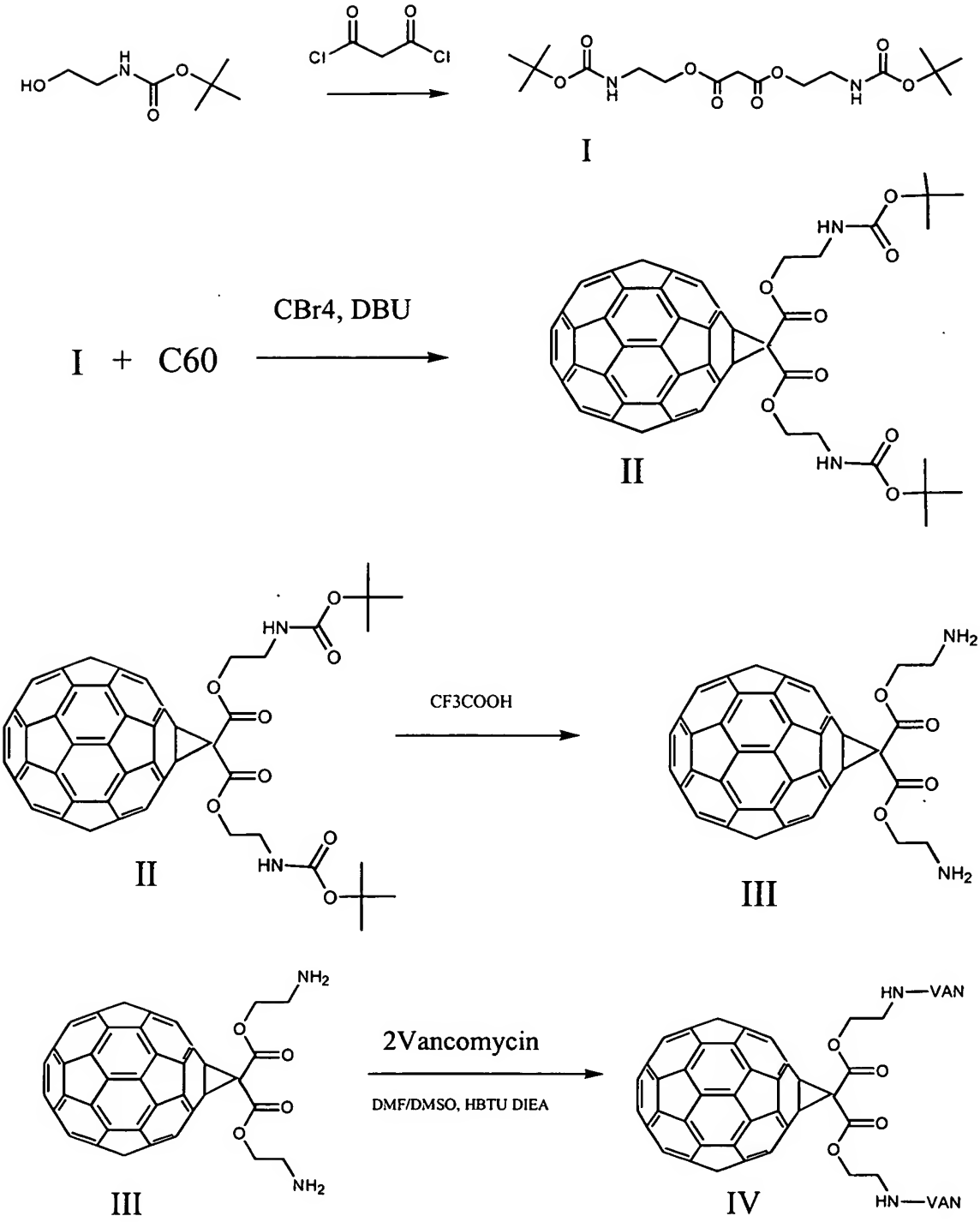
(A)
I
(B)
I + C60
CBr4, DBU
II
(C)
CF3COOH
II
III
(D)
2Vancomycin
DMF/DMSO, HBTU DIEA
III
IV
HN—VAN

Fig. 2